



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

646.4001
Job Sheet 176322



Part No: 646.4001

Job Qty: 1 ea

Part Name: AS350 Cable Cutter System



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/20/18

Job Tracking No:

Due Date: 5/4/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG REV C1 IPP REV:A 12.10.23 NEW ISSUE DD VERF:JLM IPP REV:B 15.01.08 AS PER DWG REV.B
DD VERF:JLM IPP REV:C 16.01.07 AS PER DWG REV.C DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	5/4/18	5/4/18	0.00	0.00	Start Up Stores/Pkg-1	2	APR 20 2018
110	Packaging	1 pcs	5/4/18	5/4/18	0.00	0.00	Packaging1-1	5.10	APR 20 2018
120	QC	1 pcs	5/4/18	5/4/18	0.00	0.00	QC4		Sm
125	DC	1 pcs	5/4/18	5/4/18	0.00	0.00	DC		Sm
130	Packaging	1 pcs	5/4/18	5/4/18	0.00	0.00	Packaging3-1		Sm
140	QC21-FG	1 Ea	5/4/18	5/4/18	0.00	0.00	QC21		18.05.25

Part Op 125 - Photocopy bluefile & type labels per PPP 646.4001

Descriptions: 130 - Identify and pack for shipping as per PPP 646.4001 Location: Fg102

DAS
21
9-80

MAY 28 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
600.0129	VHB Tape	8 ft (8 ea)	90-Start up Operation	
600.0990	Magnabond 6398 Part A Size 112 ml	1 Ea (1 ea)	90-Start up Operation	
600.0991	Magnabond 6398 Part B Size 112 ml	1 Ea (1 ea)	90-Start up Operation	
600.1012	Sealant PR1425B2 (#654 sem)	1 pcs (1 ea)	90-Start up Operation	
600.1013	021200-3M Tape Primer 94 Primer 24216	5 Ea (5 ea)	90-Start up Operation	
646.2910	Deflector	1 Ea (1 ea)	90-Start up Operation	
646.3001	Lower Cable Cutter Assembly	1 Ea (1 ea)	90-Start up Operation	
646.3110	Channel	1 Ea (1 ea)	90-Start up Operation	
646.3210	Support	1 Ea (1 ea)	90-Start up Operation	
646.3301	Upper Cutter Assembly	1 Ea (1 ea)	90-Start up Operation	
646.3510	Strut	1 Ea (1 ea)	90-Start up Operation	
646.3511	Strut	1 Ea (1 ea)	90-Start up Operation	
646.3610	Filler	1 Ea (1 ea)	90-Start up Operation	
646.3710	Doubler	1 Ea (1 ea)	90-Start up Operation	
646.3711	Clip	1 Ea (1 ea)	90-Start up Operation	
646.3712	Clip	1 Ea (1 ea)	90-Start up Operation	
646.3713	Gusset	1 Ea (1 ea)	90-Start up Operation	
646.3714	Gusset	1 Ea (1 ea)	90-Start up Operation	
646.3715	Strut Doubler	2 Ea (2 ea)	90-Start up Operation	
646.3716	Gauge Bracket	1 Ea (1 ea)	90-Start up Operation	
646.3717	Doubler	1 Ea (1 ea)	90-Start up Operation	



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Container No: S064754



Part: 646.4001

Job No: 176322

Serial No/Batch: S064754

Revision:

Inspector:

Date: 04/24/18

646.3718	Custom Washer	2 Ea (2 ea)	90-Start up Operation	
646.3719	Doubler	2 Ea (2 ea)	90-Start up Operation	
646.3810	Bracket	2 Ea (2 ea)	90-Start up Operation	
646.3811	Radius Block	1 Ea (1 ea)	90-Start up Operation	
646.3812	Gusset Bracket	2 Ea (2 ea)	90-Start up Operation	
646.3813	AS350 Strut Bracket	1 Ea (1 ea)	90-Start up Operation	
646.3910	Shim	4 Ea (4 ea)	90-Start up Operation	
646.3911	Shim	1 Ea (1 ea)	90-Start up Operation	
646.3912	Shim	4 Ea (4 ea)	90-Start up Operation	
646.3913	Shim	1 Ea (1 ea)	90-Start up Operation	
646.9410	Shim	1 Ea (1 ea)	90-Start up Operation	
647.0112	Strut Bracket	2 Ea (2 ea)	90-Start up Operation	
647.7703	Strut Assembly	2 Ea (2 ea)	90-Start up Operation	5865969
650.9201	Eyelet Bracket Assembly	2 Ea (2 ea)	90-Start up Operation	
AN3-11A	Bolt	10 Ea (10 ea)	90-Start up Operation	
AN3-12A	Bolt	2 Ea (2 ea)	90-Start up Operation	
AN3-13A	Bolt	1 Ea (1 ea)	90-Start up Operation	
AN3-3A	Bolt	4 Ea (4 ea)	90-Start up Operation	
AN3-4A	Bolt	10 Ea (10 ea)	90-Start up Operation	
AN3-5A	Bolt	2 Ea (2 ea)	90-Start up Operation	
AN3-6A	Bolt	2 Ea (2 ea)	90-Start up Operation	
AN316C4R	Nut, Jam	2 Ea (2 ea)	90-Start up Operation	
AN44-5A	Eyebolt	2 Ea (2 ea)	90-Start up Operation	
AN4C7A	Bolt	2 Ea (2 ea)	90-Start up Operation	
AN665-34R	Clevis	2 Ea (2 ea)	90-Start up Operation	
CCR264SS3-02	Cherry Rivet	36 Ea (36 ea)	90-Start up Operation	
CR3213-5-3	Cherry Rivet	14 Ea (14 ea)	90-Start up Operation	
MS20426AD5-7	Rivet	2 Ea (2 ea)	90-Start up Operation	
MS20470AD5-5.5	Rivet	8 Ea (8 ea)	90-Start up Operation	
MS20470AD5-6	Rivet	8 Ea (8 ea)	90-Start up Operation	
MS20470AD5-7	Rivet	3 Ea (3 ea)	90-Start up Operation	
MS21042L3	Nut	63 Ea (63 ea)	90-Start up Operation	
MS21042L4	Nut	2 Ea (2 ea)	90-Start up Operation	
MS21042L8	Nut	2 Ea (2 ea)	90-Start up Operation	
MS21047-3	Nut Plate	18 Ea (18 ea)	90-Start up Operation	
MS24693-C278	Screw	5 Ea (5 ea)	90-Start up Operation	
MS24694-S51	Screw	5 Ea (5 ea)	90-Start up Operation	
MS24694-S54	Screw	2 Ea (2 ea)	90-Start up Operation	
MS24694-S55	Screw	3 Ea (3 ea)	90-Start up Operation	
MS27039-08-13	Screw	2 Ea (2 ea)	90-Start up Operation	
MS27039-1-10	Screw	2 Ea (2 ea)	90-Start up Operation	
MS27039-1-12	Screw	6 Ea (6 ea)	90-Start up Operation	
MS27039-1-16	Screw	24 Ea (24 ea)	90-Start up Operation	
MS27039-1-19	Screw	22 Ea (22 ea)	90-Start up Operation	
MS27039-1-20	Screw	2 Ea (2 ea)	90-Start up Operation	
MS27039-1-21	Screw	4 Ea (4 ea)	90-Start up Operation	
NAS1149F0332P	Washer	144 Ea (144 ea)	90-Start up Operation	
NAS1149F0363P	Washer	2 Ea (2 ea)	90-Start up Operation	
NAS1149F0432P	Washer	4 Ea (4 ea)	90-Start up Operation	
NAS1149FN832P	Washer	4 Ea (4 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	600.0129	8	440	0
	600.0990	1	22	0
	600.0991	1	21	0
	600.1012	1	24	0
	600.1013	5	30	0
	646.2910	1	7	0
	646.3001	1	7	0
	646.3110	1	21	0
	646.3210	1	7	0
	646.3301	1	16	0

646.3510	1	26	0
646.3511	1	15	0
646.3610	1	19	0
646.3710	1	73	0
646.3711	1	29	0
646.3712	1	41	0
646.3713	1	34	0
646.3714	1	40	0
646.3715	2	48	0
646.3716	1	27	0
646.3717	1	31	0
646.3718	2	52	0
646.3719	2	34	0
646.3810	2	21	0
646.3811	1	28	0
646.3812	2	16	0
646.3813	1	18	0
646.3910	4	41	0
646.3911	1	42	0
646.3912	4	30	0
646.3913	1	58	0
646.9410	1	121	0
647.0112	2	78	0
647.7703	2	16	0
650.9201	2	20	0
AN3-11A	10	229	0
AN3-12A	2	83	0
AN3-13A	1	55	0
AN3-3A	4	772	0
AN3-4A	10	496	0
AN3-5A	2	390	0
AN3-6A	2	239	0
AN316C4R	2	44	0
AN44-5A	2	21	0
AN4C7A	2	89	0
AN665-34R	2	38	0
CCR264SS3-02	36	474	0
CR3213-5-3	14	180	0
MS20426AD5-7	2	1,201	0
MS20470AD5-5.5	8	373	0
MS20470AD5-6	8	1,167	0
MS20470AD5-7	3	197	0
MS21042L3	63	2,792	0
MS21042L4	2	3,587	0
MS21042L8	2	0	0
MS21047-3	18	406	0
MS24693-C278	5	60	0
MS24694-S51	5	264	0
MS24694-S54	2	115	0
MS24694-S55	3	170	0
MS27039-08-13	2	415	0
MS27039-1-10	2	269	0
MS27039-1-12	6	343	0
MS27039-1-16	24	588	0
MS27039-1-19	22	259	0
MS27039-1-20	2	69	0
MS27039-1-21	4	102	0
NAS1149F0332P	144	2,955	0
NAS1149F0363P	2	233	0
NAS1149F0432P	4	2,195	0
NAS1149FN832P	4	2,678	0

Part Specifications

Specifications could not be found.



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Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
002689	S064433	600.0129	VHB Tape	s031229	CCK096	8
002689	S064432	600.0990	Magnabond 6398 Part A Size 112 ml	s044948	LG050	1
002689	S064431	600.0991	Magnabond 6398 Part B Size 112 ml	s044949	LG050	1
002689	S064430	600.1012	Sealant PR1425B2 (#654 sem)	s054101	CCK017	1
002689	S020598	600.1013	021200-3M Tape Primer 94 Primer 24216		CCK096	4
002689	S064429	646.3001	Lower Cable Cutter Assembly	s056954	CCK023	1
002689	S064428	646.3110	Channel	s059069	CCK020	1
002689	S064427	646.3210	Support	s045159	CCK020	1
002689	S064426	646.3510	Strut	s036174	CCK103	1
002689	S064425	646.3511	Strut	s050455	CCK108A	1
002689	S064424	646.3610	Filler	s021581	CCK104	1
002689	S064423	646.3710	Doubler	s002104	CCK006	1
002689	S064422	646.3711	Clip	s038799	CCK104	1
002689	S064421	646.3712	Clip	s026726	CCK104	1
002689	S064420	646.3713	Gusset	s026788	CCK104	1
002689	S064419	646.3714	Gusset	s026731	CCK104	1
002689	S064418	646.3715	Strut Doubler	s050316	CCK105	2
002689	S064417	646.3716	Gauge Bracket	s027170	CCK105	1
002689	S064416	646.3717	Doubler	s050430	CCK105	1
002689	S064414	646.3718	Custom Washer	s050515	CCK105	2
002689	S064413	646.3719	Doubler	s050441	CCK105	2
002689	S064412	646.3810	Bracket	s058167	CCK105	2
002689	S064411	646.3811	Radius Block	s057868	CCK105	1
002689	S064410	646.3812	Gusset Bracket	s058076	CCK105	2
002689	S064409	646.3813	AS350 Strut Bracket	s057988	CCK105	1
002689	S064408	646.3910	Shim	s051515	CCK105	4
002689	S064407	646.3911	Shim	s051519	CCK105	1
002689	S064406	646.3912	Shim	s051511	CCK105	4
002689	S064405	646.3913	Shim	s051513	CCK105	1
002689	S064404	646.9410	Shim	f140671	CCK011	1
002689	S064403	647.0112	Strut Bracket	s054605	CCK106	2
002689	S063580	AN3-11A	Bolt	S027721	ST349	10
002689	S063579	AN3-12A	Bolt	S048376	ST349	2
002689	S063578	AN3-13A	Bolt	S038733	ST349	1
002689	S064402	AN3-3A	Bolt	S015688	ST350	4
002689	S063577	AN3-4A	Bolt	S019388	ST350	10
002689	S063576	AN3-5A	Bolt	S041106	ST350	2
002689	S063575	AN3-6A	Bolt	S000530	ST350	2
002689	S063574	AN316C4R	Nut, Jam	S019359	ST331	2
002689	S063573	AN44-5A	Eyebolt	S041156	ST339	2
002689	S063572	AN4C7A	Bolt	S027516	ST345	2
002689	S063571	AN665-34R	Clevis	S041157	ST330	2
002689	S063570	CCR264SS3-02	Cherry Rivet	S041159	ST321	36
002689	S063569	CR3213-5-3	Cherry Rivet	S019378	ST319	14
002689	S063568	MS20426AD5-7	Rivet	F153848	ST311	2
002689	S063567	MS20470AD5-5.5	Rivet	FM134063	ST309	8
002689	S063566	MS20470AD5-6	Rivet	F124089	ST309	8
002689	S063565	MS20470AD5-7	Rivet	F123425	ST309	3
002689	S063564	MS21042L08	Nut	S044234	ST303	2

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
002689	S063563	MS21042L3	Nut	S038764	ST303	63
002689	S063562	MS21042L4	Nut	S045901	ST303	2
002689	S063561	MS21047-3	Nut Plate	S020620	ST301	18
002689	S063560	MS24693-C278	Screw	S016502	ST287	5
002689	S063559	MS24694-S51	Screw	S004859	ST284	5
002689	S063558	MS24694-S54	Screw	S024480	ST284	2
002689	S063557	MS24694-S55	Screw	FM138621.0	ST283	3
002689	S063556	MS27039-08-13	Screw	S019320-1	ST278	2
002689	S063555	MS27039-1-10	Screw	S005145	ST280	2
002689	S063554	MS27039-1-12	Screw	S049832	ST280	6
002689	S063553	MS27039-1-16	Screw	S049833	OVER006	24
002689	S063552	MS27039-1-19	Screw	S050051	ST280	22
002689	S063551	MS27039-1-20	Screw	S000680	ST280	2
002689	S063550	MS27039-1-21	Screw	S037684	ST280	4
002689	S063549	NAS1149F0332P	Washer	S057525	ST262	144
002689	S063548	NAS1149F0363P	Washer	S027738	ST262	2
002689	S063547	NAS1149F0432P	Washer	S050055	ST262	4
002689	S063546	NAS1149FN832P	Washer	S020604	ST263	4

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

Plex 4/24/18 9:21 AM dart.quirion.sonia

647. 7103 V2 S055469

646 2910 x1

646. 3301 x1 S060222

600 1013 x1 S059378

650. 9201 x2

S020598 x4

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NOTES:

△ AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILET EDGES.

△ INSTALL F/N 14 WITH F/N 52 & 53.

A △ 3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE
VENDOR: MCMMASTER-CARR P/N 75935A651.

△ 3M TAPE PRIMER 94, APPLY TO BOTH SURFACES A/R BEFORE TAPE.
VENDOR: R.S. HUGHES P/N 021200-24716.

△ REUSE FASTENERS FROM F/N 1.

△ USE WASHERS A/R AS SHIMS TO OBTAIN BEST FITMENT.

△ AT CUSTOMERS OPTION, INSTALL F/N 65 BY MATCH DRILLING ON TO F/N 1.

B △ INSTALL SHIM IF OEM PROVISIONS ARE INSTALLED ON AIRCRAFT. REMOVE
SHIM LAYERS TO ACHIEVE CORRECT SIZE. MATCH DRILL HOLES. USE F/N 78
SCREW IN PLACE OF F/N 17 SCREW.

B △ NEWER INSTALLATIONS ON AIRCRAFT WITH UPDATED CANOPY MAY
REQUIRE DIFFERENT LENGTH SCREWS. USE F/N 62 TO REPLACE F/N 44 &
F/N 26 IN PLACE OF F/N 41 WHEN NECESSARY.

REFERENCE ONLY

UNINCORPORATED ECN(S)

05304

5	5	5	78	601.3875	SCREW	UNINCORPORATED				
1	1	1	77	646.9410	SHIM	△				
	4	4	76	601.2764	WASHER	NAS111PNNB2P				
	2	2	75	601.2973	LOCKNUT	MS21047-08				
	2	2	74	601.2988	SCREW	MS27039-0813				
	2	2	73	601.2943	LOCKNUT	MS21042-5				
	2	2	72	601.3128	NUT	AN316C/R				
	2	2	71	601.3209	LOCKNUT	MS21042-4				
	4	4	70	601.2638	WASHER	NAS111PNNB2P				
	2	2	69	601.2669	BOLT	ANAC1A				
	2	2	68	601.3119	CLEVIS	AN665-34R				
	2	2	67	601.3121	EYE BOLT	AN44-5A				
	2	2	66	650.9201	EYE BRACKET ASSY					
	REF	REF	65	647.5701	GPS MOUNT KIT	△				
		2	64	601.3151	WASHER	NAS111PNNB2P				
		2	63	601.2911	SCREW	MS24694553				
	24	24	62	601.2637	SCREW	MS27039-1-16				
2	2	2	61	601.2763	BOLT	AN3-12A				
	1	1	60	646.3913	SHIM					
	4	4	59	646.3912	SHIM					
	1	1	58	646.3911	SHIM					
	4	4	57	646.3910	SHIM					
	5	5	56	600.1013	PRIMER					
	8 FT	8 FT	55	600.0129	VHB TAPE					
	1	1	54	600.1012	SEALANT	PR-125 CLASS B				
	1	1	53	600.0991	MAGNEBOND 6398 PART B	△				
	1	1	52	600.0990	MAGNEBOND 6398 PART A	△				
6	10	10	51	601.2826	BOLT	AN3-11A				
		2	50	646.3814	WIPER BRACKET					
		2	49	601.2910	SCREW	MS27039-1-18				
	2	2	48	601.1365	SCREW	MS27039-1-10				
	2	2	47	646.3719	DOUBLER					
		2	46	646.3718	CUSTOM WASHER					
	1	1	45	646.3717	DOUBLER					
	22	22	44	601.1948	SCREW	MS27039-1-19				
	2	2	43	601.1952	SCREW	MS27039-1-20				
	4	4	42	601.1956	SCREW	MS27039-1-21				
4006	4015	4004	4003	4002	4001	FIND #	PART #	DESCRIPTION	MATL	SPEC.

REFERENCE ONLY

REV.	DESCRIPTION	DATE	APPROVED
A	INCORPORATING ECN 02199, 02201, 02218 & 02245	03/08/2010	P. BRAVO
B	INCORPORATING ECN 02048, 02079 & 04751	10/04/2014	P. BRAVO
C	INCORPORATING ECN 00098	06/09/2015	P. BRAVO

		2		2	41	601.2829	SCREW	MS24694554		
		2		2	40	601.2831	RIVET	MS20426AD5-7		
		1		1	39	646.3716	GAUGE BRACKET			
		6		6	38	601.1953	SCREW	MS27039-1-12		
	2	2		2	37	646.3715	STRUT DOUBLER			
	2	2		2	36	601.2824	BOLT	AN3-5A		
12	36			36	35	601.2277	RIVET	CORROSION 3-02		
6	18			18	34	600.0795	NUTPLATE	MS21047-3		
3	3			3	33	601.2565	RIVET	MS20426AD5-7		
1	1			1	32	646.3813	STRUT BRACKET			
4	4			4	31	601.2822	BOLT	AN3-5A		
2	2			2	30	646.3812	GUSSET BRACKET			
8	8			8	29	601.2564	RIVET	MS20426AD5-6		
1	1			1	28	646.3714	GUSSET			
	1	1		1	27	646.3610	FILLER			
	3	3		3	26	601.2830	SCREW	MS24694555		
	2	2		2	25	601.2825	BOLT	AN3-6A		
	1	1		1	24	646.3811	RADIUS BLOCK			
	1	1		1	23	646.3712	CLIP			
	1	1		1	22	646.3711	CLIP			
8	8			8	21	601.2832	RIVET	MS20426AD5-8		
14	14			14	20	601.2020	RIVET	CR2015-5-3		
4	6	4	6	10	19	601.2823	BOLT	AN3-4A		
	1	1	1	1	18	601.2827	BOLT	AN3-13A		
	5	5		5	17	601.2912	SCREW	MS24694551		
1	1			1	16	646.3713	GUSSET			
1	1			1	15	646.3210	SUPPORT			
	1	1		1	14	646.3710	DOUBLER			
	1	1		1	13	646.3110	CHANNEL			
14	10	8	53	6	61	12	601.1624	LOCKNUT	MS21042-3	
16	32	18	120	16	144	11	601.1607	WASHER	NAS111PNNB2P	
						10	646.3410	LH WIPER DEFLECTOR		
						9	646.3411	RH WIPER DEFLECTOR		
				2	2	8	647.7703	STRUT ASSY		
				2	2	7	647.0112	STRUT BRACKET		
	1	1		1	6	646.3511	STRUT			
	1	1		1	5	646.3510	STRUT			
2	2			2	4	646.3810	BRACKET			
				1	3	646.2910	DEFLECTOR			
				1	2	646.3001	LOWER CUTTER ASSY			
				1	1	646.3301	UPPER CUTTER ASSY			
X						646.4006	LOWER CUTTER TIED PROVISIONS			
	X					646.4005	LOWER CUTTER REMOVABLE PROVISIONS			
		X				646.4004	FIXED PROVISIONS KIT			
			X			646.4003	CABLE CUTTERS KIT WITH HOUR METER PROVISIONS			
				X		646.4002	AS350 WIPER DEFLECTOR KIT			
					X	646.4001	AS350 CABLE CUTTERS KIT			
4006	4005	4004	4003	4002	4001	FIND #	PART #	DESCRIPTION	MATL	SPEC.

QTY		PARTS LIST	
NEXT ASSY (S)		DART AEROSPACE 3030 ENTERPRISE CT., SUITE A VISTA, CA 92081 (760)-724-3300	
CHECKED BY: 08-27-08 DESIGNED BY: 08-27-08 1. HMM P. BRAVO P. BRAVO P. BRAVO P. BRAVO		AS350 CABLE CUTTERS KIT SCALE: 1 OF 5	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES 1. HMM P. BRAVO P. BRAVO P. BRAVO		REV: 07M26 646.4000 SCALE: 1 OF 5	